**FIG. 1**

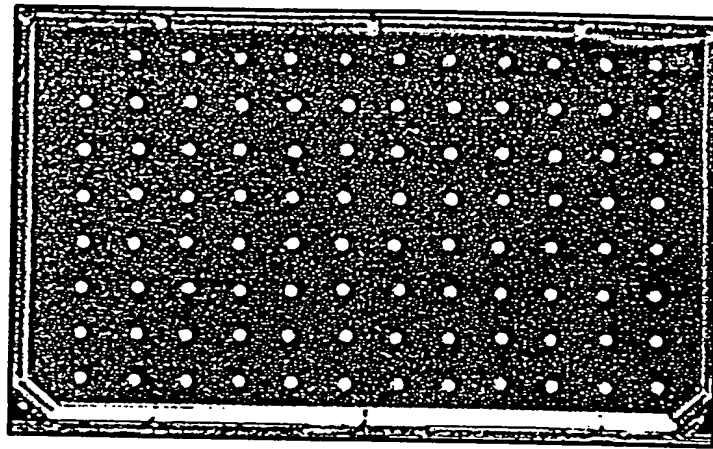
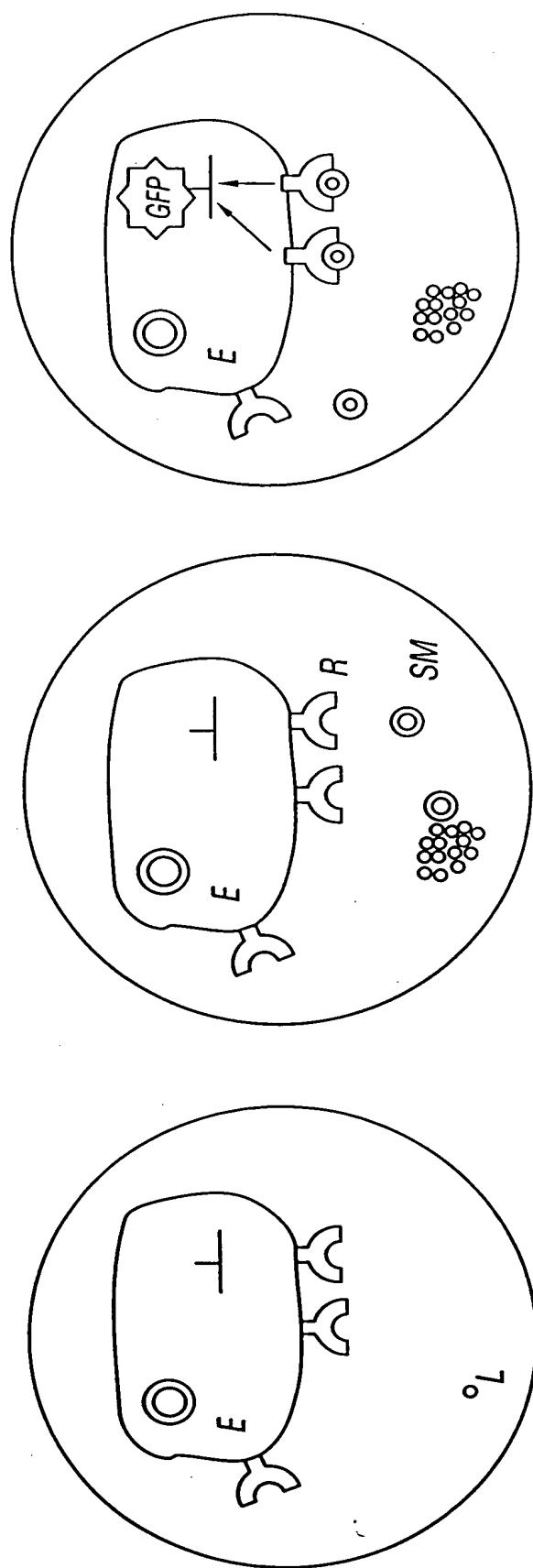


FIG. 2



Receptor binding of small molecule & GFP reporting

Growth and expression of small molecule from host

Co-encapsulation Library + Eukaryote

E=Eukaryotic assay organism L=Large insert library SM=Small molecule
GFP= Green fluorescent protein R=Eukaryotic receptor

FIG. 3

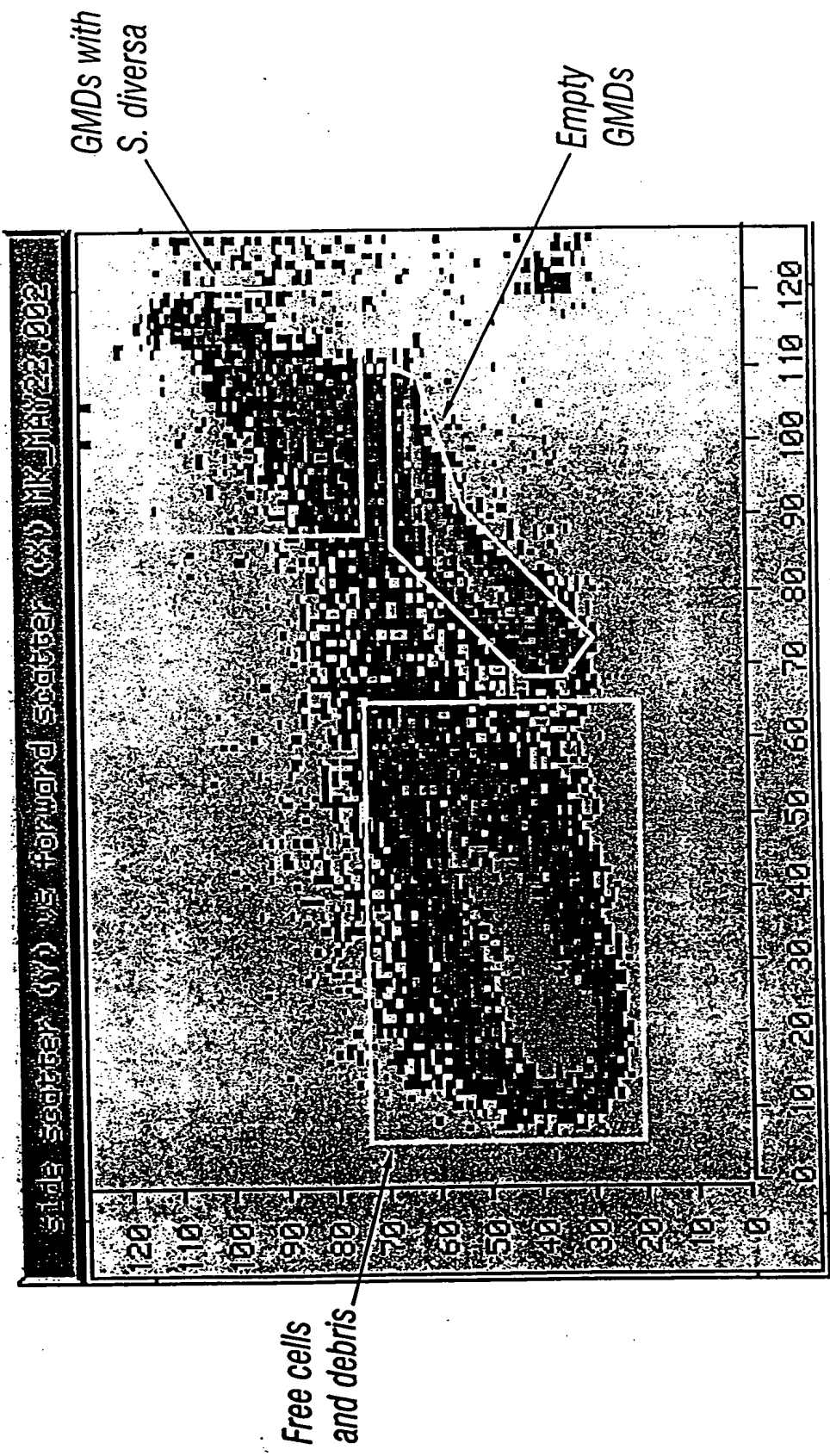


FIG. 4

Whole Cell Hybridization Protocol (+ control)

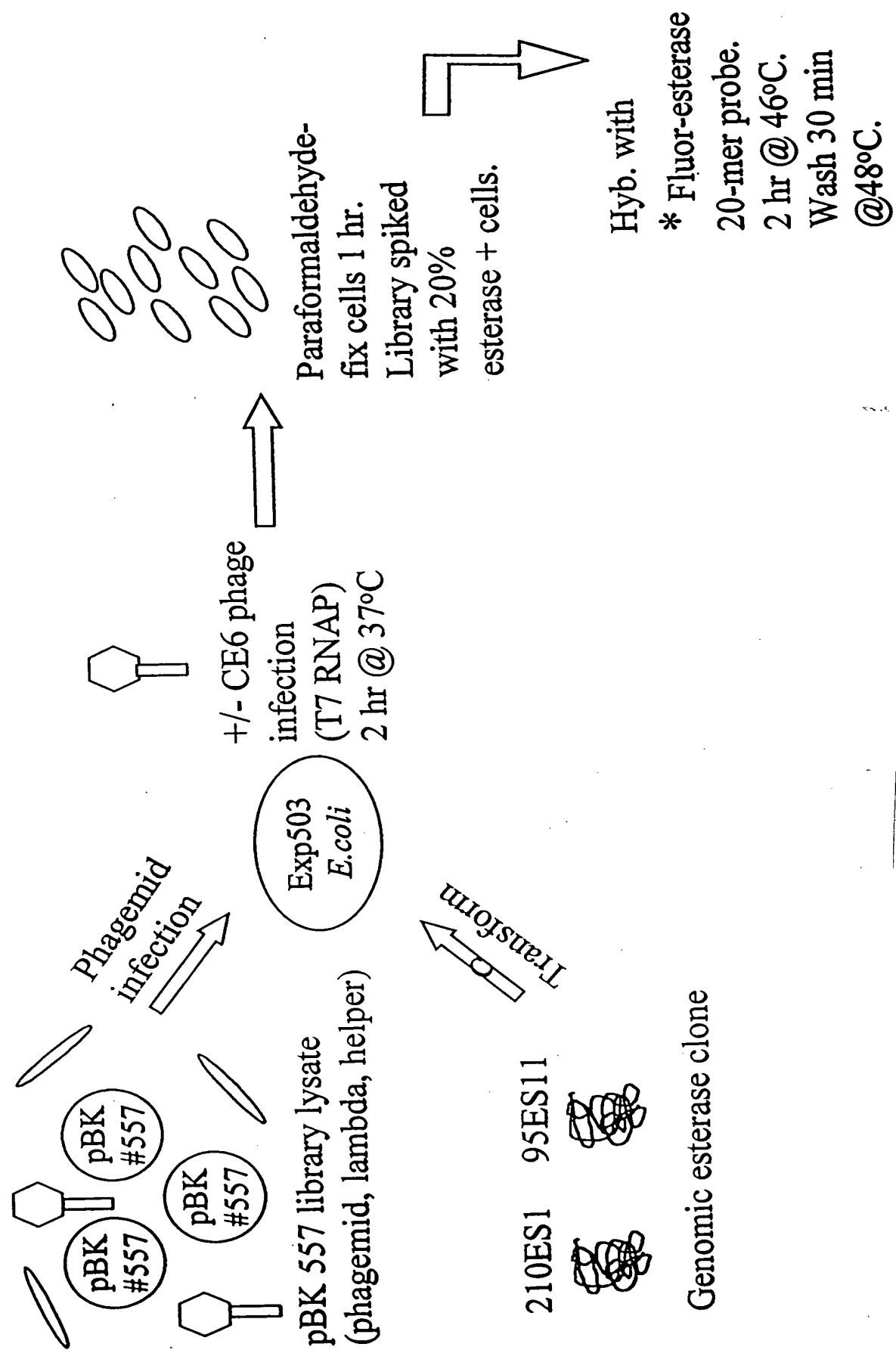


Fig. 5

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